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Barrick Resources (USA) Inc. - Mercur Mine
M/045/017
November 18, 1997

EXECUTIVE SUMMARY

The Barrick Mercur Mine, Tooele County, Utah has operated since 1981 under a Notice of Intention to Commence Mining Operations filed March 9, 1981. This gold mining operation had an ownership change from Getty Mining Company to Texaco, Inc. and subsequently to Barrick Resources (USA) Inc. (Barrick), that was completed in July 1985. The Utah Division of Oil, Gas and Mining (DOGM) approved the present mining operation that includes: open pit gold mines, mill and ancillary facilities, and three valley fill leach areas to beneficiate low grade gold ore. The currently approved land area disturbance for these existing facilities is 1,749.1 acres, all within Mercur Canyon.

Two open pits permitted in the original Plan of Operations, Mercur and Marion Hill, and the adjacent waste rock disposal areas have generally been closed, as have Valley Fill Leach Areas 1, 2, and 3. Valley Fill Leach Area 3 is undergoing final closure procedures. Mining operations permitted initially with the original pits but developed at later dates, the Sacramento, Lady May and Golden Gate pits, have also been exhausted. Also, under previously approved amendments, the Phoenix and Rover Pits and associated areas have been exhausted (Rover) or not developed (Phoenix). Currently, only the final re-processing of historic Golden Gate tailing are occurring at Mercur.

This amendment modifies the existing permit, disturbed area boundaries, and the associated site configuration to better conform to anticipated final conditions at the end of operations in 1998. The revised boundaries reflect past amendments to the Notice of Intention (NOI) which have been submitted to DOGM. In addition, other changes were necessary to accommodate activities which have occurred close to the currently approved boundaries. The approved land area disturbance for the Mercur Mine will be 1,787.7 acres.

This Application, as submitted to the State of Utah, Department of Natural Resources, Division of Oil, Gas and Mining (DOGM), meets all the requirements as delineated in the State of Utah Mined Land Reclamation Act of 1975, "Amended and New Rules, Minerals Reclamation Program R647-1 through R647-5" (Revised January 1, 1992).

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Sunrise Waste Rock Disposal Site
Final Reclamation Report and Surety Bond Release
MAY 1997

Background:

The Sunrise Waste Rock Disposal Site was developed in 1989 at the head of wild Horse Canyon, directly west of Mercur's Sacramento pit, in USGS South ½ of Section T6S R3W. The waste rock consists primarily of Rhyolite mined from the Sacramento pit. The site consists of approximately 25 acres of disturbed ground.

Earthwork: [R647-4-111-1.15, 6, 12]

The Sunrise waste rock was originally placed by end dumping from the top using 85 ton haul trucks at the angle of repose of the rock (approximately 1.4:1). To create a stable and workable slope the dump was dozed down from the top in two stages.

The final configuration is shown in Figure 1 and designed as follows:

- 18 acres on the lower end at 2.5:1 slope.
- 2 acres on the upper end at 2.0:1 slope.
- 1 acres of flat ground between the upper and lower slopes.
- 4 acres of flat ground at the top of the upper slope.

The shaping was completed during 1992. Following the shaping, the 25 acres were covered with a nominal one foot of topsoil from stockpile T-17, originally stripped from the Sacramento pit area and stockpiled in 1989 at the top of the Sunrise site..

Drainage: [R 647-4-111-2]

To protect the Sunrise waste disposal site from water damage due to high precipitation or runoff events, water bars were cut across the slope, at 200 ft. slope length intervals. These water bars were angle cut into the slope and at a gradient of 2 percent from the center of the dump to the outside edges (groins). The vertical center channel and both side groins were lined